

SEQUENCE LISTING



(1) GENERAL INFORMATION:

- 10390X
- (i) APPLICANT: Stern, David
Schmidt, Ann M.
 - (ii) TITLE OF INVENTION: A METHOD TO PREVENT ~~EXCESSIVE~~ ACCELERATED
ATHEROSCLEROSIS USING (sRAGE) SOLUBLE RECEPTOR FOR
ADVANCED GLYCATION ENDPRODUCTS
 - (iii) NUMBER OF SEQUENCES: 4
 - (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Cooper & Dunham LLP
 - (B) STREET: 1185 Avenue of the Americas
 - (C) CITY: New York
 - (D) STATE: New York
 - (E) COUNTRY: USA
 - (F) ZIP: 10036
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
 - (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/905,709
 - (B) FILING DATE: 05-AUG-1997
 - (C) CLASSIFICATION:
 - (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: White, John P.
 - (B) REGISTRATION NUMBER: 28,678
 - (C) REFERENCE/DOCKET NUMBER: 0575/52876
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 212-278-0400
 - (B) TELEFAX: 212-391-0526

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 1438 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CGGAGAAGGA TGGCAGCAGG GGCAGTGGTC GGAGCCTGGA TGCTAGTCCT CAGTCTGGGG	60
GGGACAGTCA CGGGGGACCA AAACATCACA GCCCGGATCG GGAAGCCACT GGTGCTGAAC	120

Applicants: David Stern and
Ann Marie Schmidt
Serial No.: 08/905,709
Filed: August 5, 1997
Exhibit B

TGCAAGGGAG	CCCCCAAGAA	ACCACCCCAG	CAGCTGGAAT	GGAAACTGAA	CACAGGCCGG	180
ACAGAAGCTT	GGAAAGTCCT	GTCTCCCCAG	GGAGACCCCT	GGGATAGCGT	GGCTCGGGTC	240
CTCCCCAACG	GCTCCCTCCT	CCTGCCGGCT	GTTGGGATCC	AGGATGAGGG	GACTTTCCGG	300
TGCCGGGCAA	CGAGCCGGAG	CGGAAAGGAG	ACCAAGTCTA	ACTACCGAGT	CCGAGTCTAT	360
CAGATTCCCTG	GGAAGCCAGA	AATTGTTGAT	CCTGCCTCTG	AACTCATGGC	TGGTGTCCCC	420
AATAAGGTGG	GGACATGTGT	GTCCGAGGGG	GGCTACCCTG	CAGGGACTCT	TAACTGGCTC	480
TTGGATGGGA	AACTCTGATT	CCTGATGGCA	AAGGAGTGTC	AGTGAAGGAA	GAGACCAAGA	540
GACACCCAAA	GACAGGGCTT	TTCACCTCTC	ATTCGGAGCT	GATGGTGACC	CCAGCTCGGG	600
GAGGAGCTCT	CCACCCACC	TTCTCCTGTA	GCTTCACCCC	TGGCCTTCCC	CGGCGCCGAG	660
CCCTGCACAC	GGCCCCATC	CAGCTCAGGG	TCTGGAGTGA	GCACCGAGGT	GGGGAGGGCC	720
CCAACGTGGA	CGCTGTGCCA	CTGAAGGAAG	TCCAGTTGTG	GTAGAGCCAG	AAGGGGGAGC	780
AGTAGCTCCT	GGTGGTACTG	TGACCTTGAC	CTGTGAAGCC	CCCGCCAGC	CCCCACCTCA	840
AATCCACTGG	ATCAAGGATG	GCAGGCCCT	GCCCCTTCCC	CCTGGCCCCA	TGCTGCTCCT	900
CCCAGAGGTA	GGGCCTGAGG	ACCAGGGAAC	CTACAGTTGT	GTGGCCACCC	ATCCCAGCCA	960
TGGGGGGGAG	GAGAGCCGTG	CTGTCAGCGT	CACGATCATC	GAAACAGGCG	AGGAGGGGAC	1020
GACTGCAGGC	TCTGTGGAAG	GGCCGGGGCT	GGAAACCTAG	CCCTGACCCT	GGGGATCCTG	1080
GGAGGCCTGG	GGACAGTCGC	CCTGCTCATT	GGGGTCATCG	TGTGGCATCG	AAGGCCGGCA	1140
ACGCAAAGGA	CAGGAGAGGA	AGGTCCCGGA	AAACCAGGAG	GAGGAAGAGG	AGGAGAGAGC	1200
GGAAGTGAAC	CAGCCAGAGG	AGCCCGAGGC	GGCAGAGAGC	AGCACAGGAG	GGCCTTGAGG	1260
AGCCACGGC	CAGACCCGAT	CCATCAGCCC	CTTTTCTTTT	CCCACACTCT	GTTCTGGCCC	1320
CAGACCAGTT	CTCCTCTGTA	TAATCTCCAG	CCCACATCTC	CCAAACTTTC	TTCCACAACC	1380
AGAGCCTCCC	ACAAAAAGTG	ATGAGTAAAC	ACCTGCCACA	TTTAAAAAAA	AAAAAAA	1438

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 119 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "AMINO ACID"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AAGAGAGGTT	GTAGCGATGT	AGAGAGGTCA	TGATGAAGGT	CGGAGTGTGG	TTGTTAGGAT	60
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CTGATAGGGA GGAAGGTTTC AAGGGGTCAT GATTGGTTAG GGTATGGGGT AGGAAATGG 119

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 1405 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

GGGGCAGCCG GAACAGCAGT TGGAGCCTGG GTGCTGGTCC TCAGTCTGTG GGGGGCAGTA	60
GTAGGTGCTC AAAACATCAC AGCCCGGATT GGCGAGCCAC TGGTGCTGAA GTGTAAGGGG	120
GCCCCAAGA AACCACCCCA GCGGCTGGAA TGGAAACTGA ACACAGGCCG GACAGAAGCT	180
TGGAAGGTCC TGTCTCCCA GGGAGGAGGC CCCTGGGACA GTGTGGCTCG TGTCCCTCCC	240
AACGGCTCCC TCTTCCTTCC GGCTGTCGGG ATCCAGGATG AGGGGATTTT CCGGTGCAGG	300
GCAATGAACA GGAATGGAAA GGAGACCAAG TCCAACCTACC GAGTCCGTGT CTACCAGATT	360
CCTGGGAAGC CAGAAATTGT AGATTCTGCC TCTGAACTCA CGGCTGGTGT TCCCAATAAG	420
GTGGGGACAT GTGTGTCAGA GGGAAGCTAC CCTGCAGGGA CTCTTAGCTG GCACTTGGAT	480
GGGAAGCCCC TGGTGCCATA TGAGAAGGGA GTATCTGTGA AGGAACAGAC CAGGAGACAC	540
CCTGAGACAG GGCTCTTCAC ACTGCAGTCG GAGCTAATGG TGACCCAGC CCGGGGAGGA	600
GATCCCCGTC CCACCTTCTC CTGTAGCTTC AGCCCAGGCC TTCCCCGACA CCGGGCCTTG	660
CGCACAGCCC CCATCCAGCC CCGTGTCTGG GAGCCTGTGC CTCTGGAGGA GGTCCAATTG	720
GGTGGTGGAG CCAGAAGGTG GAGCAGTAGC TCCTGGTGGA ACCGTAACCC TGACCTGTGA	780
AGTCCCTGCC CAGCCCTCTC CTCAAATCCA CTGGATGAAG GATGGTGTGC CCTGCCCCTT	840
CCCCCAGCC CTGTGCTGAT CCTCCCTGAG ATAGGGCCTC AGGACCAGGG AACCTACAGC	900
TGTGTGGCCA CCCATTCCAG CCACGGGCCC CAGGAAAGCC GTGCTGTCAG CATCAGCATC	960
ATCGAACCAG GCGAGGAGGG GCCAACTGCA GGCTCTGTGG GAGGATCAGG GCTGGGAACT	1020
CTAGCCCTGG CCCTGGGGAT CCTGGGAGGC CTGGGGACAG CCGCCCTGCT CATTGGGGTC	1080
ATCTTGTGGC AAAGGCGGCA ACGCCGAGGA GAGGAGAGGA GGCCCCAGAA AACCAGGAGG	1140
AAGAGGAGGA GCGTGCAGAA CTGAATCAGT CGGAGGAACC TGAGGCAGGC GAGAGTACTA	1200
CTGGAGGGCC TTGAGGGGCC CACAGACAGA TCCCATCCAT CAGCTCCCTT TTCTTTTCC	1260
CTTGAAGTGT TCTGGCCTCA GACCAACTCT CTCCTGTATA ATCTCTCTCC TGTATAACCC	1320

CACCTTGCCA AGCTTTCTTC TACAACCAGA GCCCCCACA ATGATGATTA AACACCTGAC 1380
ACATCTTTGC AAAAAAAAAA AAAAA 1405

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 109 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid

- (A) DESCRIPTION: /desc = "AMINO ACID"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

GAAGAGAGAG ATAGCGATGT AGGGAGAGGC AGTGATAGGT CGAGTGGTTG TTAGGTCGAT 60
AGGAAGGTTT CAGGGTCATG AGGTAGGGGG TAAGGGGTAA GGAAAGTGG 109